

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048534.D
 Acq On : 10 Nov 2025 13:19
 Operator : JC/MD
 Sample : Q3573-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 11 00:45:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.537	168	159408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	314204	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	266311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138516	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	120206	54.117	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.240%
35) Dibromofluoromethane	5.379	113	107618	45.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.500%
50) Toluene-d8	8.634	98	359693	48.497	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.061	95	128809	46.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.200%

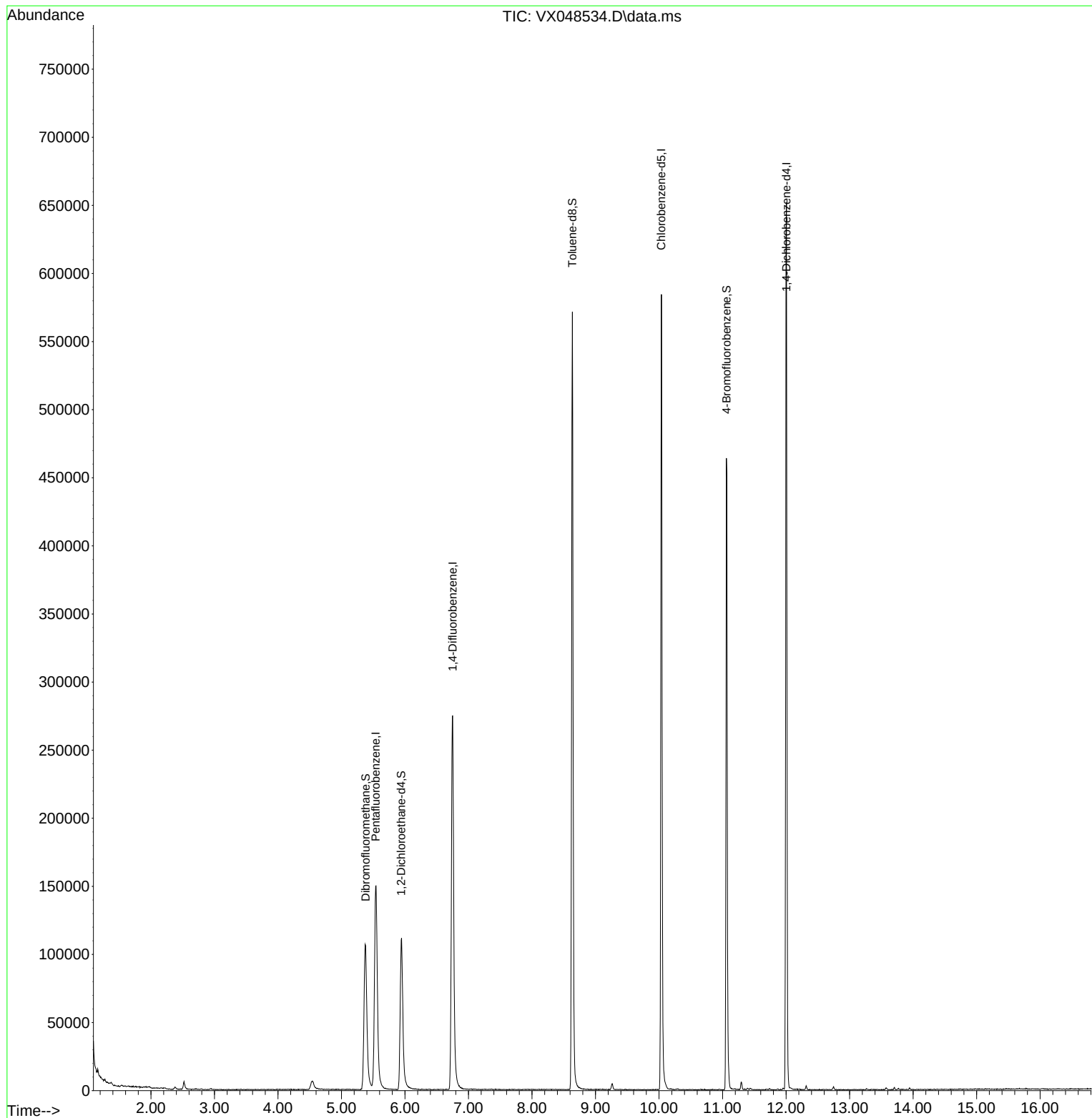
Target Compounds	Qvalue

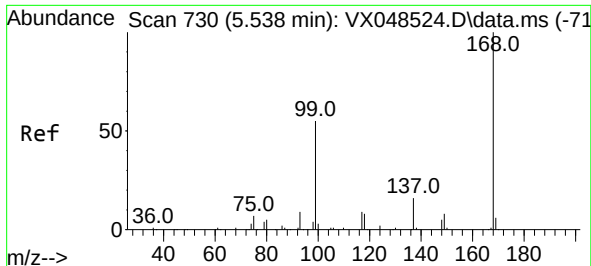
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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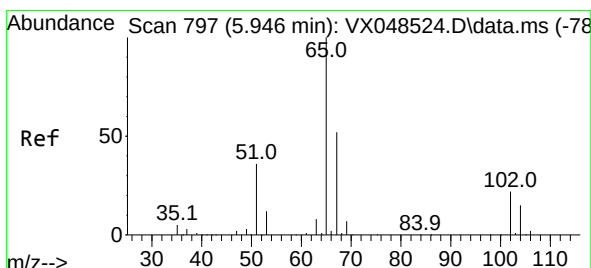
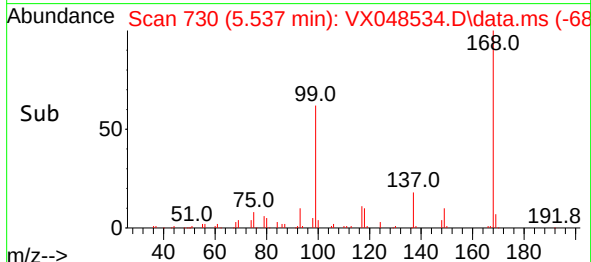
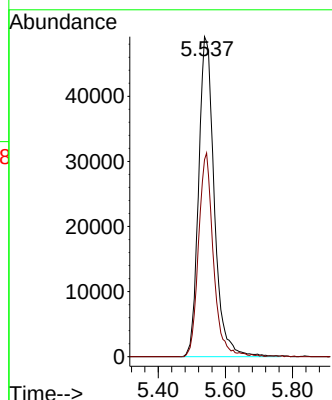
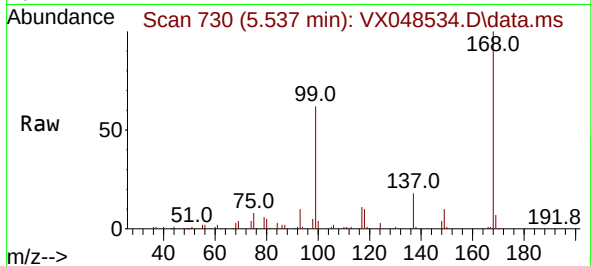




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

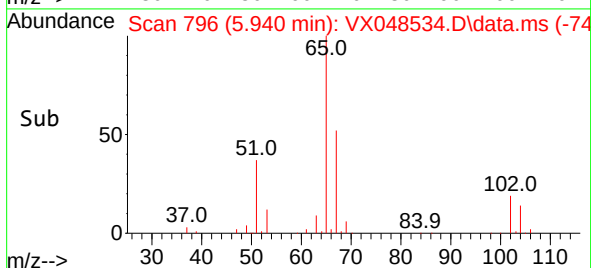
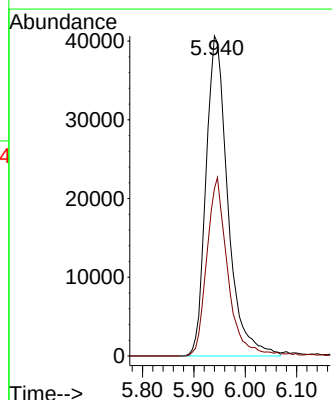
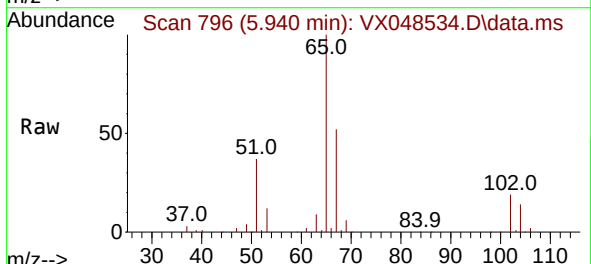
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

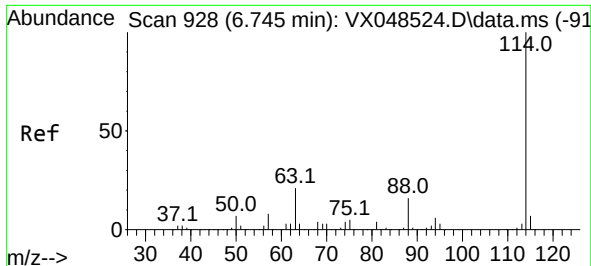
Tgt Ion:168 Resp: 159408
Ion Ratio Lower Upper
168 100
99 61.5 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 54.117 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion: 65 Resp: 120206
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.2

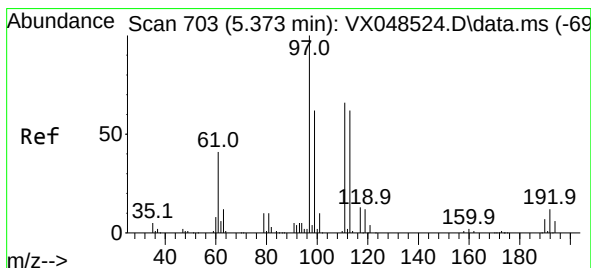
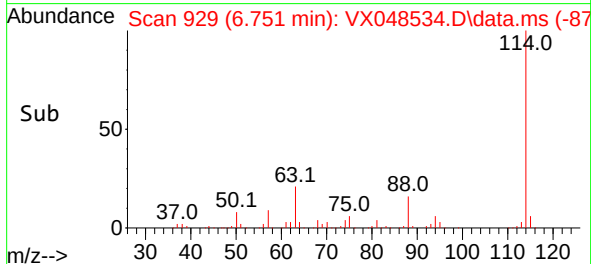
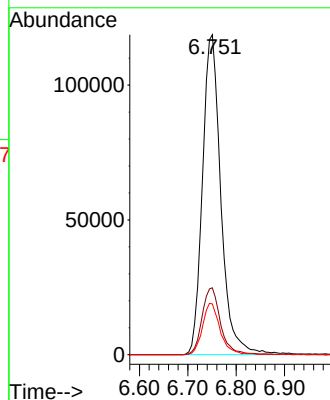
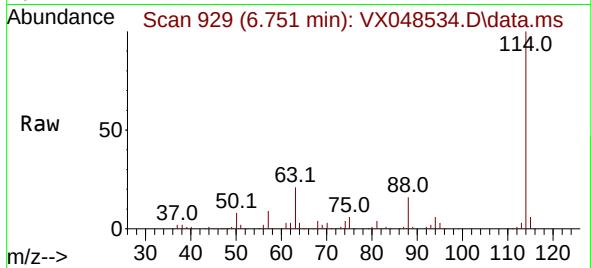




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

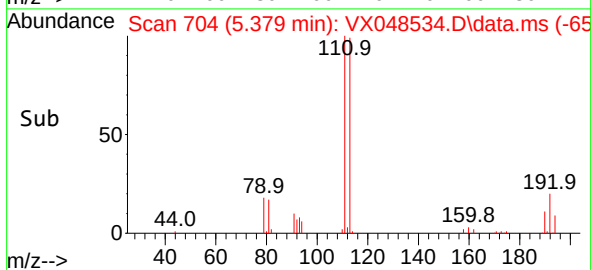
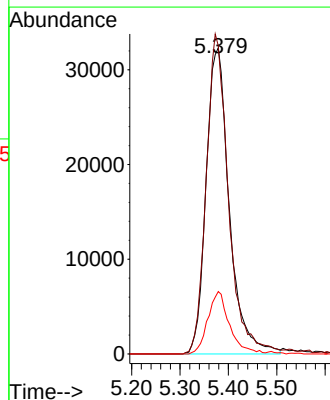
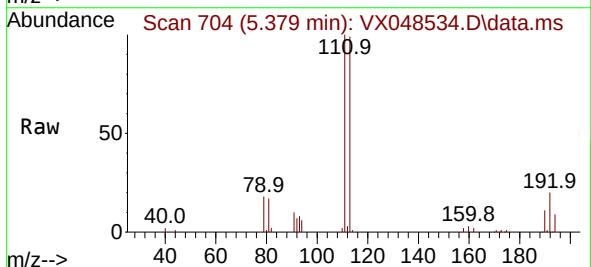
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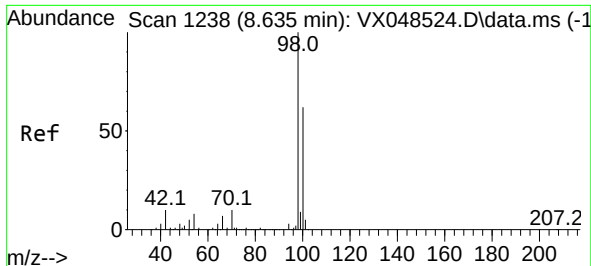
Tgt Ion:114 Resp: 314204
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.254 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion:113 Resp: 107618
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 19.0 15.8 23.6

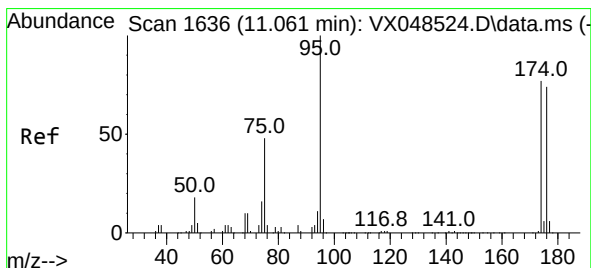
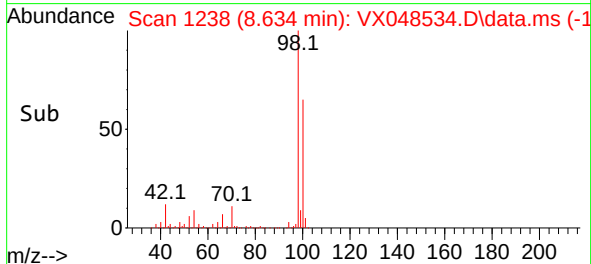
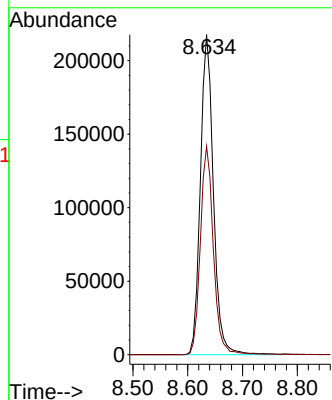
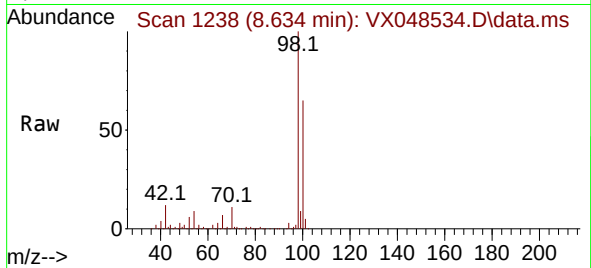




#50
Toluene-d8
Concen: 48.497 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

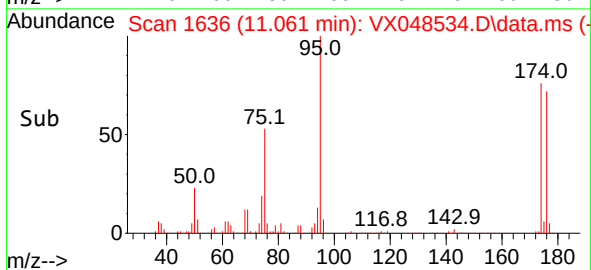
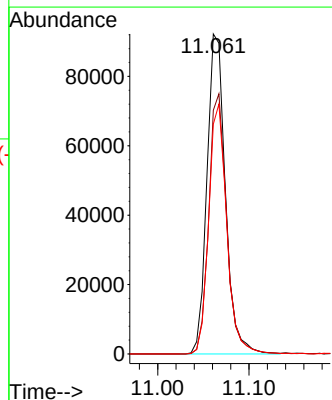
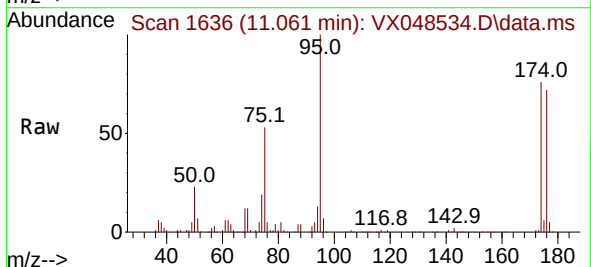
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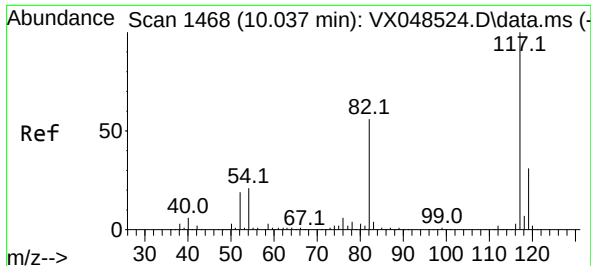
Tgt Ion: 98 Resp: 359693
Ion Ratio Lower Upper
98 100
100 65.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.602 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion: 95 Resp: 128809
Ion Ratio Lower Upper
95 100
174 79.1 0.0 161.8
176 76.6 0.0 153.6

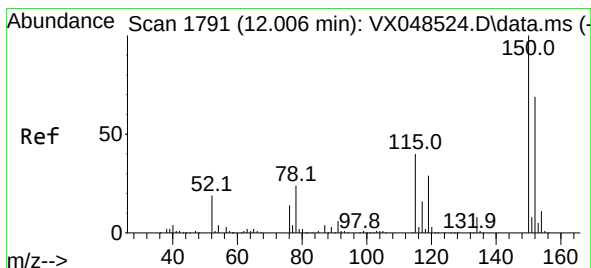
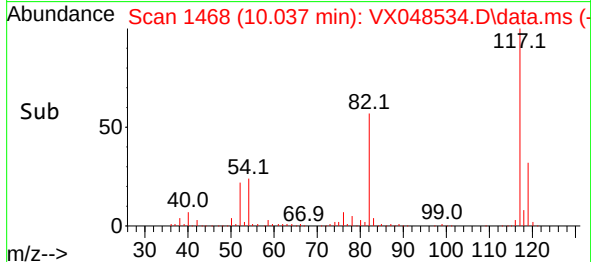
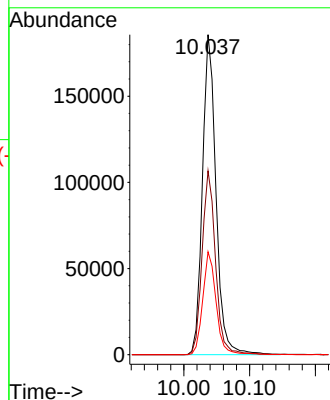
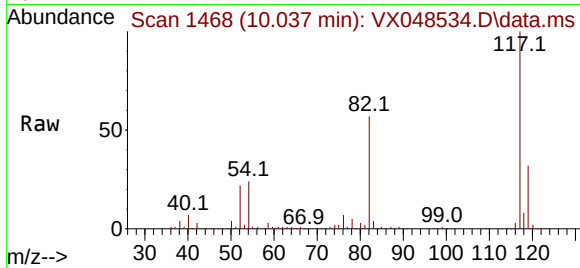




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 266311
Ion Ratio Lower Upper
117 100
82 57.4 44.4 66.6
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion:152 Resp: 138516
Ion Ratio Lower Upper
152 100
115 59.4 39.2 117.6
150 156.9 0.0 347.0

